

PATENT ABSTRACTS OF JAPAN

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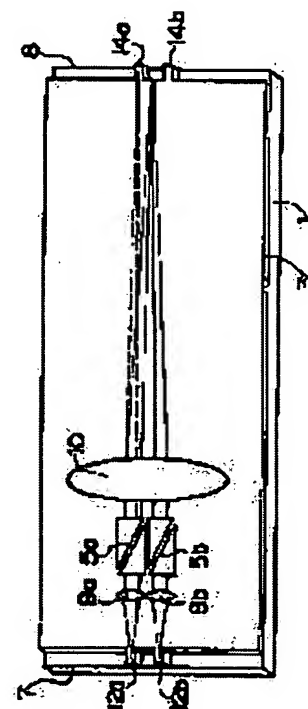
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(54) OPTICAL SWITCH AND PRODUCTION OF OPTICAL SWITCH

(57)Abstract:

PROBLEM TO BE SOLVED: To provide an optical waveguide type optical switch in a small size with a small number of switches in which the optical path is switched by using optical deflection.

SOLUTION: This optical switch is produced by laminating an optical waveguide layer 3 on a substrate 1 as a lower electrode. The optical waveguide formed in the optical waveguide layer 3 includes collimator lenses 9 to collimate the laser light entering from the entering part 12, prism-type upper electrodes 5 to deflect the collimated laser light by applying voltage between the electrodes 5 and lower electrodes 3 and a condensing lens 10 to condense the deflected laser light by the prism-type upper electrodes 5 onto an emitting part 14.



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